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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,373	12/05/2001	Sudarshan Sampath	2000P09093US01	7165

7590 05/19/2006

Siemens Corporation  
Intellectual Property Department  
186 Wood Avenue South  
Iselin, NJ 08830

EXAMINER

STORK, KYLE R

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 05/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/007,373	Applicant(s) SAMPATH ET AL.	
	Examiner Kyle R. Stork	Art Unit 2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 February 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-15 and 19-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 and 19-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

1. This final office action is in response to the amendment filed 21 February 2006.
2. Claims 1-15 and 19-22 are pending. Claims 1, 13, and 19 are independent claims.

#### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-15 and 19-22 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Behme ("Laziness Happens," 1998) and further in view of Underwood et al. (US 6601057, filed 30 October 2000, hereafter Underwood).

As per independent claim 1, Behme discloses the document generation system for producing a structured document from information derived from an information repository (page 1: Here, the information repository is a database), comprising:

- A source of document generation control information determining a desired presentation format and content structure of a generated document (Section: DSSSL as HTML Generator: Here, jade is used to create target documents of HTML from another SGML language.)
- A document processor for applying the control information in filling template document item locations with corresponding ordered data elements derived from the information repository, to produce a generated document (Sections: DSSSL

as HTML Generator--Leaving the Database: Here, the generated document is the HTML document with the repository queried to fill the item locations specified within the template)

Behme fails to specifically disclose a document template generator for applying the control information in generating a template document structure. However, Underwood discloses a template generator for generating a template document structure (column 13, line 52- column 14, line 32).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Behme's system with Underwood's system, since it would have allowed a user to reduce the work needed to update web pages (Behme: page 1, paragraph 1).

As per dependent claim 2, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the document processor further applies the control information in transforming the generated document to be compatible with the desired presentation format to produce an output document (Section: DSSSL as HTML Generator: Here, the HTML document is meant to be displayed in a browser).

As per dependent claim 3, Behme and Underwood disclose the limitations similar to those in claim 2, and the same rejection is incorporated herein. Behme further discloses the system wherein the document processor further transforms the output document for incorporation in an electronic browseable directory (Section: DSSSL as

HTML Generator: Here, the HTML files or organized into directories so that they can be found by users).

As per dependent claim 4, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the document processor applies the control information in filling template document item locations by, identifying information elements in the information repository associated with individual item locations using attributes in the control information associated with individual locations and by retrieving information elements identified by the attributes from the information repository for insertion in corresponding item locations (Listings 1-6).

As per dependent claim 5, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the document processor examines the template document item locations and marks them for content filling with a content identification marker, and retrieves information elements identified by the marker from the information repository for insertion in corresponding item locations (Listings 1-6: Here, the DSSSL is filled by the database to create the XML document that uses a style sheet (template) to create the HTML page; Section: Where to Put the Elements).

As per dependent claim 6, Behme and Underwood disclose the limitations similar to those in claim 5, and the same rejection is incorporated herein. Behme further discloses the system wherein the document processor also marks an item location in the template document with a content style attribute, and retrieves a corresponding

Art Unit: 2178

content style attribute identified by the marker from the information repository and uses the attribute in processing an information element for insertion in the item location (Listings 1-6; Section: Where to Put the Elements).

As per dependent claim 7, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the document comprises a row and column tabular structure of item locations and the document processor search the information repository for corresponding data elements in one or more of, (a) row order and (b) column order (Listing 2: Here, the search is done by row).

As per dependent claim 8, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the generated document comprises one or more of, (a) an SGML document, (b) an XML document, (c) an HTML document, (d) a document encoded in a language incorporating distinct content attributes and presentation attributed, and (e) a multimedia file (Section: DSSSL as HTML Generator: Here, a HTML file is generated).

As per dependent claim 9, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the source of document generation control information comprises an SGML document comprising an expandable document structure (Section: DSSSL as HTML Generator).

As per dependent claim 10, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the document template generator applies the control information to generate the template document structure by, expanding item location nodes in a data structure derived from the control information, the item location nodes being designated to hold ordered data items (Listings 1-6: Here, the generation of the XML document is an expansion of combining the DTD and the database report).

As per dependent claim 11, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the document template generator expands an expandable document structure derived from the control information in response to an instruction in the control information to generate the template data structure (Listings 1-6).

As per dependent claim 12, Behme and Underwood disclose the limitations similar to those in claim 1, and the same rejection is incorporated herein. Behme further discloses the system wherein the control information comprises an expandable document structure identified by a language type definition descriptor and the document template generator generates a template document structure by expanding the expandable document structure in a manner compatible with the document structure language identified by the descriptor (Section: DSSSL as HTML Generator; Listings 1-6).

As per independent claim 13, the applicant discloses the system of claim 1, wherein the information repository is a database. Behme further discloses a database (page 1). Claim 13 is similarly rejected under Behme and Underwood.

As per dependent claim 14, the applicant discloses the limitations similar to those disclosed in claim 5. Claim 14 is similarly rejected under Behme and Underwood.

As per dependent claim 15, the applicant discloses the limitations similar to those disclosed in claim 6. Claim 15 is similarly rejected under Behme and Underwood.

As per independent claim 19, the applicant discloses the method for execution on the system of claim 13. Claim 19 is similarly rejected under Behme and Underwood.

As per dependent claim 20, the applicant discloses the limitations similar to those disclosed in claim 5. Claim 20 is similarly rejected under Behme and Underwood.

As per dependent claim 21, Behme and Underwood disclose the limitations similar to those in claim 20, and the same rejection is incorporated herein. Behme further discloses the method wherein the content style attribute comprises at least one of, (a) number of characters per line, (b) number of lines per page, (c) font type and size, and (d) text style (Listings 1-6: Here, the text style is German or English).

As per dependent claim 22, Behme and Underwood disclose the limitations similar to those in claim 21, and the same rejection is incorporated herein. Underwood further discloses the method further comprising deleting an item location from the template document structured based upon specified values (column 16, lines 35-67).

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Behme and Underwood's method with



Underwood's method, since it would have allowed a user to enter data into a database to generate templates based upon the information stored within a database.

### ***Response to Arguments***

5. Applicant's arguments filed 21 February 2006 have been fully considered but they are not persuasive.

With respect to claims 1, 13, and 19, the applicant argues that the combination of Behme and Underwood fails to teach the limitations similar to "a source of document generation control information determining a desired presentation format and content structure of a generated document; a document template generator for applying said control information in generating a template document structure comprising item locations designated for ordered data items (page 8)." The examiner respectfully disagrees. Behme discloses a source of document generation control information determining a desired presentation format and content structure of a generated document (Section: DSSSL as HTML Generator) Here, jade is used to create target documents of HTML from another SGML language. In this instance, HTML is the determined desired presentation format, and the content structure is determined from the original SGML document (DTD) and used for the structure of the HTML document. Further, Underwood discloses a template generator for generating a template document structure (column 13, line 52- column 14, line 32). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined

Behme's system with Underwood's system, since it would have allowed a user to reduce the work needed to update web pages (Behme: page 1, paragraph 1).

With respect to claim 11, the applicant argues that Behme and Underwood fail to teach or suggest "wherein said document template generator expands an expandable document structure derived from said control information in response to an instruction in said control information to generate the template document structure (page 11)." The examiner respectfully disagrees. Behme further discloses the system wherein the document template generator expands an expandable document structure derived from the control information in response to an instruction in the control information to generate the template data structure (Listings 1-6).

### ***Conclusion***

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Art Unit: 2178

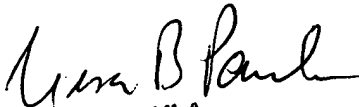
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyle R. Stork whose telephone number is (571) 272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kyle R Stork  
Patent Examiner  
Art Unit 2178

krS

  
**CESAR PAULA**  
**PRIMARY EXAMINER**